

[illegible]

[illegible]

GMD14H01

0	0	58	0	8	0	0	0	3	9	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	0	0	0	0	22	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	59	0	0	0	0	0	29	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	0	23	23	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	24	0	0	41	117	0	0	0	110	56	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	45	0	121	0	0	27	0	61	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	43	0	15	125	179	0	0	63	63	63	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	0	33	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
30	97	13	27	82	94	0	0	14	36	54	26	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	99	0	19	37	43	247	0	43	67	155	66	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	26	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria			
0	0	0	0	67	97	77	0	60	0	95	81	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
131	111	122	154	208	329	111	184	282	294	294	294	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	77	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	61	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
44	69	0	45	162	167	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	133	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	46	64	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	151	55	0	28	51	27	56	179	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	39	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	91	183	199	0	231	91	86	76	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	21	0	0	0	0	0	0	0	11	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	20	15	0	0	12	0	11	20	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	29	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	29	0	0	36	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	20	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Desulfobacterota	Desulfurimonada	Bradyrhodospirillales	Bradyrhodospirillales	unclassified_Bacteria	unclassified_Bacteria		
0																				

[illegible]

[illegible]

	0	0	0	236	60	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Rhodobacteriales	Rhodobacteriales	Haloarubrobacterium	Haloarubrobacterium	sp.	
0	0	0	0	0	0	0	0	0	47	37	0	41	30 Bacteria	Gammaproteobacteria	Ectothiorhodospirales	Ectothiorhodospiraceae	Haliiflum	Haliiflum	sp.		
0	0	0	0	0	0	0	0	0	0	0	73	67	70 Bacteria	Proteobacteria	Ectothiorhodospirales	Ectothiorhodospiraceae	Haliiflum	Haliiflum	sp.		
0	0	0	135	0	0	0	0	0	0	0	0	0	0	Bacteria	Oxasporifilales	Haliomonadales	Haliomonadales	Mariococcus	sp.	F322	
0	0	0	207	18	0	0	0	0	0	0	8	14	0	Bacteria	Oxasporifilales	Haliomonadales	Haliomonadales	Haliomonas	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Caulobacteriales	Heliobacteriales	Heliobacteriales	Heliobacter	sp.		
0	0	0	128	69	0	0	0	0	0	0	0	0	0	Bacteria	Altenomonadales	Isonomiales	Isonomiales	Isonomia	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Altenomonadales	Isonomiales	Isonomiales	Isonomia	sp.	z061l	
0	0	0	0	0	0	0	0	0	0	13	0	14	0	Bacteria	Gammaproteobacteria	Serratobacteriales	Weissella	JT825 marine benthic group	Kangella	sp.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Kangellaceae	Kangella	sp.		
0	0	0	0	71	0	0	0	0	0	0	0	0	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Rhodobacteriales	Limbacium	sp.		
0	22	0	82	0	0	0	0	0	0	0	0	31	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Rhodobacteriales	Limbacium	sp.		
0	0	0	0	0	0	124	0	0	0	0	0	41	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Rhodobacteriales	Limbacium	sp.		
0	0	0	0	62	0	0	0	0	0	0	0	18	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Rhodobacteriales	Limbacium	sp.		
0	0	0	0	32	0	0	0	0	0	0	0	0	0	Bacteria	Caulobacteriales	Heliobacteriales	Heliobacteriales	Limbacium	sp.		
0	0	0	0	0	0	0	0	0	0	16	0	0	0	Bacteria	Gammaproteobacteria	Rhodospirillales	Magnetospirillales	Magnetospira	sp.		
82	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Rhodobacteriales	Mariella	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Rhodobacteriales	Mariella	sp.		
147	222	444	127	99	72	0	106	0	193	0	62	2	0	Bacteria	Gammaproteobacteria	Altenomonadales	Marinobacteriales	Marinobacter	sp.	W06-1	
0	0	0	1623	0	0	0	0	0	0	0	0	15	0	Bacteria	Gammaproteobacteria	Altenomonadales	Marinobacteriales	Marinobacter	sp.		
0	0	0	30	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Marinobacteriales	Marinobacter	sp.	A652	
0	0	0	84	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Marinobacteriales	Marinobacter	sp.		
8	0	0	0	0	0	0	22	19	0	0	0	19	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Tetrasphaerellales	Marivibrio	halodurans		
0	13	0	0	0	0	0	0	0	0	42	0	43	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Marivibrio	Marivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Methylohalobacter	Methylohalobacter	sp.		
0	0	39	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Nitrospirillales	Methylophilales	Methylophilales	Methylophilus	sp.		
0	77	77	0	0	0	0	0	0	0	36	0	0	0	Bacteria	Gammaproteobacteria	unclassified_Bacteria	unclassified_Bacteria	Mitrospira	sp.		
0	0	0	0	0	0	0	37	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Nitrospirillales	Nitrospirillales	Nitrospirillum	sp.		
24	32	80	80	20	0	0	0	41	87	37	0	0	0	Bacteria	Caulobacteriales	Caulobacteriales	Hyphomicrobiales	Oceanicella	sp.		
0	0	0	0	0	0	0	29	0	0	0	0	0	0	Bacteria	Rhodobacteriales	Caulobacteriales	Hyphomicrobiales	Oceanicella	sp.		
0	80	0	49	0	37	0	0	0	19	0	0	0	0	Bacteria	Rhodobacteriales	Caulobacteriales	Hyphomicrobiales	Oceanicella	sp.		
0	0	0	147	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Oxasporifilales	Oxasporillum	sp.		
0	0	58	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Rhodobacteriales	Rhodobacteriales	Rhodobacteriales	Palenaia-Pseudonitrospira	sp.	A14	
0	0	0	0	0	0	0	0	27	0	0	0	0	0	Bacteria	Alphaproteobacteria	Caulobacteriales	Parvulariales	Parvularia	sp.		
0	0	0	0	0	0	0	62	62	56	79	24	24	0	Bacteria	Alphaproteobacteria	Caulobacteriales	Parvulariales	Parvularia	sp.		
0	0	0	0	0	0	0	36	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Caulobacteriales	Parvulariales	Parvularia	sp.	TAA-29	
0	0	0	71	0	0	0	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Caulobacteriales	Parvulariales	Parvularia	sp.		
0	0	47	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Altenomonadales	Pseudomonadales	Pseudomonas	marina		
0	0	0	76	17	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Altenomonadales	Pseudomonadales	Pseudomonas	sp.		
0	26	0	0	0	0	20	0	0	42	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Pseudohongellales	Pseudohongella	sp.		
11	8	8	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Pseudohongellales	Pseudohongella	sp.	DS1301	
0	24	0	0	29	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Pseudohongellales	Pseudohongella	sp.		
0	0	12	0	0	0	0	0	0	10	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Pseudohongellales	Pseudohongella	sp.	jeppicum	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	0	0	15	0	0	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
71	158	42	71	158	109	82	109	577	402	136	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	0	68	0	0	113	64	37	53	42	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.	2M61	
0	0	18	0	22	0	0	0	17	0	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
59	54	0	0	0	0	0	0	7	0	22	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.	23A21	
0	0	0	0	0	32	92	183	0	31	2	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	0	0	0	0	0	0	0	42	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	30	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	38	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	52	0	78	0	0	0	0	16	0	0	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	0	0	0	0	0	94	12	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Saccharosporillales	Saccharosporillum	sp.		
42	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Saccharosporillales	Saccharosporillum	sp.	ae04v1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Saccharosporillales	Saccharosporillum	sp.	z061l	
0	0	0	0	0	0	32	11	0	24	2	0	0	0	Bacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillales	Rhodospirillum	sp.		
0	0	77	0	80	0	0	0	0	0	0	0	0	0	Bacteria	Altenomonadales	Salinivibrionales	Salinivibrionales	Salinivibrio	sp.	HF8227	
9	27	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Salinivibrionales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	70	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Salinivibrionales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	15	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Salinivibrionales	Salinivibrionales	Salinivibrio	sp.		
0	0	24	0	0	0	0	0	14	0	0	0	0	0	Bacteria	Alphaproteobacteria	Salinivibrionales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	9	0	0	0	0	0	0	0	Bacteria	Alphaproteobacteria	Salinivibrionales	Salinivibrionales	Salinivibrio	sp.		
0	37	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	62	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	8	16	0	0	16	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	79	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	34	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	31	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	33	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	48	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	62	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	99	0	99	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
284	177	91	0	87	39	62	168	82	0	61	32	2	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	48	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	18	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporifilales	Salinivibrionales	Salinivibrio	sp.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Gammaproteobacteria	Oxasporif					

0	0	0	0	0	0	15	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Magnetospiraceae					
0	0	0	0	0	0	9	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Magnetospiraceae					
0	0	0	0	0	0	6	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillaceae					
0	0	0	0	0	12	0	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	unclassified_Bacteria					
0	0	0	0	0	0	482	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	unclassified_Bacteria					
0	11	0	6	5	0	0	0	0	0	9	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	unclassified_Bacteria					
0	0	0	6	14	0	0	0	52	75	0	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	unclassified_Bacteria					
0	0	0	26	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Richthofiales	Anaplasmataceae					
0	0	0	18	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Richthofiales	Fabaceae					
0	0	0	7	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Richthofiales	unclassified_Bacteria					
47	0	0	7	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Gammaproteobacteria	Run SP54	unclassified_Bacteria					
31	165	0	88	70	29	96	0	0	0	132	Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae					
0	0	0	0	65	80	34	34	50	30	0	82	Bacteria	Proteobacteria	Alphaproteobacteria	Thalassobacillales	unclassified_Bacteria				
0	0	0	0	0	0	0	0	0	0	0	32	Bacteria	Proteobacteria	Alphaproteobacteria	Thalassobacillales	unclassified_Bacteria				
0	0	0	21	0	41	0	100	115	58	119	71	Bacteria	Proteobacteria	Alphaproteobacteria	Thalassobacillales	unclassified_Bacteria				
0	0	0	26	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Gammaproteobacteria	Thaumogymnates	Thaumogymnataceae				
0	29	0	0	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Gammaproteobacteria	Thiotrichales	Thiotrichaceae				
21	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Gammaproteobacteria	Thiotrichales	Thiotrichaceae				
15	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Tissotiales	Gemmatimonadaceae				
0	113	0	0	0	12	13	21	0	0	6	0	Bacteria	Proteobacteria	Alphaproteobacteria	Tissotiales	Gemmatimonadaceae				
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	Tissotiales	Gemmatimonadaceae				
0	0	0	19	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Alphaproteobacteria	unclassified_Bacteria					
37	2	0	393	46	29	14	104	76	28	69	61	Bacteria	Proteobacteria	Alphaproteobacteria	unclassified_Bacteria					
76	0	34	35	0	0	0	0	0	0	0	0	Bacteria	Proteobacteria	Gammaproteobacteria	unclassified_Bacteria					
0	0	0	0	0	0	5	0	0	0	0	0	Bacteria	Proteobacteria	Gammaproteobacteria	unclassified_Bacteria					
25	136	61	389	42	75	215	150	119	45	164	211	Bacteria	Proteobacteria	Gammaproteobacteria	unclassified_Bacteria					
0	0	0	0	26	10	4	0	0	0	0	0	Bacteria	Proteobacteria	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	114	117	0	77	61	0	37	8	Bacteria	Proteobacteria	Alphaproteobacteria	unclassified_Bacteria					
0	0	0	0	0	0	0	19	0	0	0	0	Bacteria	Proteobacteria	Gammaproteobacteria	unclassified_Bacteria					
0	0	0	15	0	0	0	0	0	20	0	0	Bacteria	SAR324_c14deMarine group B)	SAR324_c14deMarine group B)	unclassified_Bacteria					
0	0	0	29	0	0	8	14	14	0	0	0	Bacteria	SAR324_c14deMarine group B)	SAR324_c14deMarine group B)	unclassified_Bacteria					
5	0	0	0	0	0	0	0	0	0	0	0	Bacteria	SAR324_c14deMarine group B)	SAR324_c14deMarine group B)	unclassified_Bacteria					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	SAR324_c14deMarine group B)	SAR324_c14deMarine group B)	unclassified_Bacteria					
0	0	0	96	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Alkaliphilobacteriaceae					
0	0	0	0	0	0	0	0	0	8	10	18	Bacteria	Brachyspirae	Brachyspirae	Brachyspiraceae					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Brevimonas	Brevimonas	Brevimonadaceae					
0	0	0	0	0	5	0	0	5	14	0	10	Bacteria	Brevimonas	Brevimonas	Brevimonadaceae					
0	0	0	34	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Candidatus Mariprochaeata					
0	0	0	0	61	76	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Candidatus Mariprochaeata					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Brachyspirae	Brachyspirae	Brachyspiraceae					
0	0	0	0	8	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	0	19	0	0	0	0	20	0	Bacteria	Brachyspirae	Brachyspirae	unclassified_Bacteria					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Brachyspirae	Brachyspirae	unclassified_Bacteria					
0	0	8	47	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	55	0	22	0	0	24	0	0	35	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	82	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	21	0	0	0	0	7	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	10	80	96	0	0	20	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	0	0	0	0	8	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	25	26	0	17	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	53	77	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	0	77	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	11	26	0	0	0	3	0	10	10	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	79	0	0	88	73	88	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
17	0	5	0	158	74	0	41	48	157	110	131	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	66	0	121	68	123	0	15	179	148	31	129	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	33	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	36	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	103	107	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
26	138	33	388	362	287	0	96	378	305	379	281	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	6	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	77	35	42	0	0	0	0	32	0	Bacteria	Leptospirae	Leptospirae	Treponemaceae					
0	0	0	0	0	15	0	0	0	0	0	0	Bacteria	Leptospirae	Leptospirae	Leptospiraceae					
0	0	0	77	0	39	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	31	37	0	48	53	124	125	48	53	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	120	0	0	94	0	0	0	0	15	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	0	42	13	0	0	0	0	14	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	0	0	0	0	0	0	0	0	24	Bacteria	Sphinctobacteria	Sphinctobacteria	Sphinctobacteriaceae					
0	0	0	65	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	29	0	0	0	0	0	0	0	0	Bacteria	Sphinctobacteria	VMT7-18E03	unclassified_Bacteria					
0	0	0	0	0	0	0	0	0	13	10	14	Bacteria	Sumnerellae	Sumnerellae	Sumnerellaceae					
0	0	0	0	0	0	0	0	7	0	0	0	Bacteria	Sumnerellae	Sumnerellae	Sumnerellaceae					
0	0	0	0	0	0	0	0	11	0	0	0	Bacteria	Sumnerellae	Sumnerellae	Sumnerellaceae					
0	0	0	0	14	0	0	0	0	0	0	0	Bacteria	Sumnerellae	Sumnerellae	Sumnerellaceae					
0	0	0	0	16	0	0	0	14	0	0	0	Bacteria	Sumnerellae	Sumnerellae	Sumnerellaceae					
0	0	0	0	0	0	0	0	10	0	0	0	Bacteria	Sumnerellae	Sumnerellae	Sumnerellaceae					
0	0	0	0	25	24	0	0	49	0	0	0	Bacteria	Sumnerellae	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	0	0	0	0	17	0	0	0	Bacteria	Sumnerellae	unclassified_Bacteria	unclassified_Bacteria					
10	0	0	0	79	108	0	18	0	25	41	0	Bacteria	Sumnerellae	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Sumnerellae	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	0	44	0	0	0	0	0	0	Bacteria	Sumnerellae	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	30	0	0	0	0	0	0	0	Bacteria	Sumnerellae	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Sumnerellae	unclassified_Bacteria	unclassified_Bacteria					
0	0	0	0	0	26	0	0	20	0	0	0	Bacteria	Thermoplasmatia	Thermoplasmatia	unclassified_Archaea					
0	0	0	0	0	12	0	0	0	0	0	0	Bacteria	Thermoplasmatia	Thermoplasmatia	unclassified_Archaea					
0	0	0	0	0	0	0	24	0	0	28	0	Bacteria	Verrucomicrobia	Chthoniobacteriales	unclassified_Bacteria					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Verrucomicrobia	Omnithiophiles	Omnithiophiles					
0	0	0	0	0	0	0	0	0	0	0	0	Bacteria	Verrucomicrobia	Omnithiophiles	Omnithiophiles					